Integrated solutions for productivity and value

Agilent 1100 Series HPLC Systems

The Agilent Technologies 1100 Series HPLC integrated with an Applied Biosystems/MDS SCIEX mass spectrometer unites the established industry leaders for reliability and productivity in pharmaceutical analysis. The combination of our extensive expertise in pharmaceutical analysis along with leading computer technology extends these productivity tools into your laboratory.

Performance with flexibility

The Agilent 1100 Series HPLC offers high accuracy and excellent precision, as well as unmatched ruggedness and reliability for fast results with maximum uptime — keeping your productivity high and your operating costs low.

For solvent delivery you can choose between:

- The isocratic pump as workhorse for simple routine tasks
- The binary pump for rapid, reproducible gradients and highest performance, especially at low flow rates — as low as 50 µL/min
- The quarternary pump, which provides the highest flexibility in solvent mixing for flow rates between 0.2 mL/min and 10 mL/min

For automatic sampling, we offer a range of autosamplers for both vials and well plates, each with a cooling capacity option. The single-valve design enables minimum carryover, as low as 0.01%, with maximum throughput.

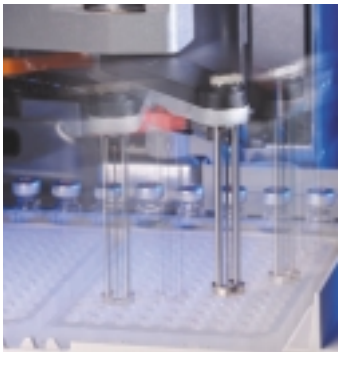
Complementary UV detection, as well as refractive index and fluorescence detectors, provide additional information with high sensitivity and selectivity.

1100 Series HPLC System

Since 1996, more than 120,000 LC units have been installed. Constant innovation has made the 1100 Series the best-selling HPLC instrument in the world.

(According to April 2001 survey from IMV, Ltd., Greenbelt, MD 20770-1402.)

Precise Sampling from Vials and Wells



With the new well-plate autosampler, the needle moves to the well or vial position. A flush port and injection programming can be used to wash the needle while the sampling unit is bypassed to elute the compounds.

Reliability

Speed

Flexibility

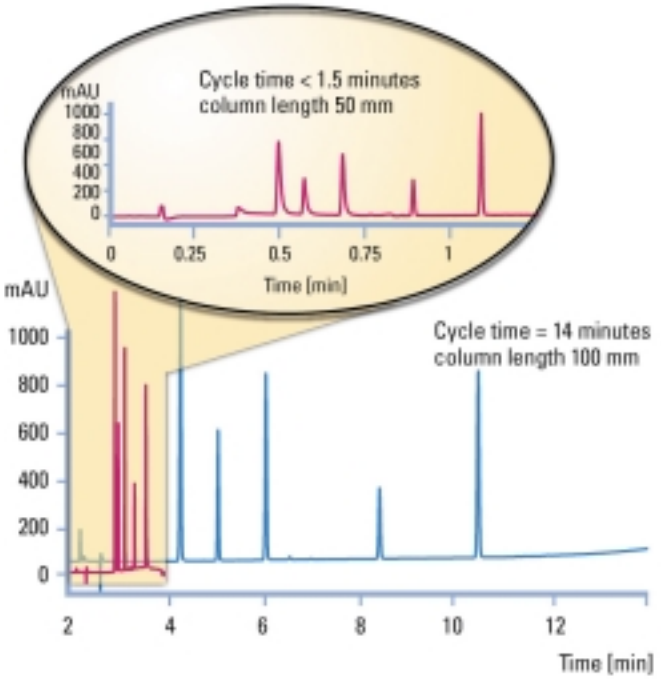
Easy setup and operation

The simple-to-use user interface enables system setup in minutes. Whether you choose Applied Biosystems/MDS SCIEX Analyst™ software or Agilent ChemStation software, operation is intuitive.

Fast and reliable analysis

The Agilent 1100 Series with high-pressure gradient pump speeds throughput by a factor of five or more. High precision and instrument-to-instrument reproducibility speed method transfer and eliminate analysis rework.

Maximum Throughput



Time-saving maintenance tools

A unique early-maintenance feedback tool alerts you when maintenance is due with enough time to take action, maximizing uptime. A multimedia CD-ROM guides you through maintenance procedures. All maintenance areas are easily accessed from the front of the system.

Worldwide Sales Offices
Applied Biosystems vast distribution and service network, composed of highly trained support and applications personnel, reaches into 150 countries on six continents. For international office locations, please call the division headquarters or refer to our Web site at **www.appliedbiosystems.com**.

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